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 PATENT & TRADE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 6

Application Number	9/867,307
Filing Date	05-29-2001
First Named Inventor	Samuel Shiber
Group Art Unit	3731
Examiner Name	

U.S. PATENT DOCUMENT						
Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
KD		6,235,042		Katzman	05-22-2001	
		6,206,898		Honeycutt et. al.	03-27-2001	
		6,090,118		McGuckin	06-18-2000	
		5,879,361		Nash	03-09-1999	
		5,876,414		Straub	03-02-1999	
		5,873,882		Straub	02-23-1999	
		5,843,103		Wulfman	12-01-1998	
		5,843,022		Willard	12-01-1998	
		5,836,868		Resseman	11-17-1998	
		5,827,229		Auth	10-29-1998	
		5,792,157		Mische	08-11-1998	
		5,785,675		Drasler	07-28-1998	
		5,766,191		Trerotola	06-16-1998	
		5,779,721		Nash	06-14-1998	
		5,772,674		Nakhjavan	06-30-1998	
		5,755,775		Trerotola	05-28-1998	
		5,702,413		Lafontaine	12-30-1997	
		5,695,508		Chigogidze	12-09-1997	
		5,695,507		Auth	12-09-1997	
KD		5,695,506		Pike et. al.	12-09-1997	

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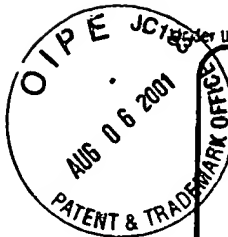
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 6

Complete if Known

Application Number	9/867,307
Filing Date	05-29-2001
First Named Inventor	Samuel Shiber
Group Art Unit	3731
Examiner Name	
Attorney Docket Number	Th5

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
K0		5,690,642		Osborne	11-25-1997	
		5,688,234		Frisbie	11-18-1997	
		5,681,336		Clement et. al.	10-28-1997	
		5,674,232		Halliburton	10-07-1997	
		5,669,920		Conley	09-16-1997	
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		5,571,130		Simpson et. al.	11-05-1996	
		5,569,277		Evans et.al.	10-29-1996	
		5,569,275		Kotula et. al.	10-29-1996	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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Signature

Kathryn Odland

Date
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Application Number	9/867,307
Filing Date	05-29-2001
First Named Inventor	Samuel Shiber
Group Art Unit	3731
Examiner Name	

Sheet	3	of	6	Attorney Docket Number	Th5
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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
Kb		5,556,408		Farhat	09-17-1996	
		5,556,405		Lary	09-17-1996	
		5,554,163		Shturman	09-10-1996	
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	Kp		5,441,510		Simpson et. al.	08-15-1995
		5,423,799		Shiu	06-13-1995	
		5,419,774		Willard et. al.	05-30-1995	

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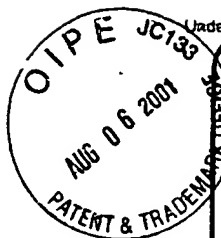
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 6

Complete if Known

Application Number	9/867,307
Filing Date	05-29-2001
First Named Inventor	Samuel Shiber
Group Art Unit	3731
Examiner Name	
Attorney Docket Number	Th5

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
KD		5,417,703		Brown et. al.	05-23-1995	
		5,403,334		Evans et. al.	04-14-1995	
		5,402,790		Jang et. al.	04-04-1995	
		5,395,311		Andrews	03-07-1995	
		5,376,100		Lefebvre	12-27-1994	
		5,370,653		Cragg	12-06-1994	
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		5,366,464		Belknap	11-22-1994	
		5,358,509		Fine et. al.	10-25-1994	
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		5,336,167		Sullivan et. al.	08-09-1994	
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		5,314,438		Shturman	05-24-1994	
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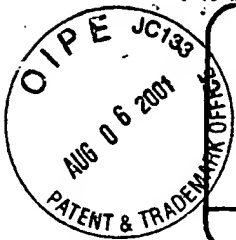
Examiner Signature	Kathryn Adland	Date Considered	12/11/03
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Application Number	9/867,307
Filing Date	05-29-2001
First Named Inventor	Samuel Shiber
Group Art Unit	3731
Examiner Name	
Attorney Docket Number	Th5

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Sheet 5 of 6

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
		Number	Kind Code ² (if known)			
K0		5,306,244		Shiber	04-26-1994	
		5,290,232		Johnson	03-01-1994	
		5,284,486		Kotula et. al.	02-08-1994	
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		5,269,751		Kaliman et. al.	12-14-1993	
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		5,242,461		Kortenbach et. al.	09-07-1993	
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	K6		5,154,724		Andrews	10-13-1992
		5,135,531		Shiber	08-04-1992	

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Kathryn Odland

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 6 of 6

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Application Number 9/867,307
Filing Date 05-29-2001
First Named Inventor Samuel Shiber
Group Art Unit 3731
Examiner Name
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		Number	Kind Code ² (if known)			
KD		5,116,350		Stevens	05-26-1992	
		5,102,415		Guenther	04-07-1992	
		5,100,426		Nixon	03-31-1992	
		5,097,849		Kensey et. al.	03-24-1992	
		5,087,265		Summers	02-11-1992	
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		5,026,384		Farr et. al.	06-25-1991	
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